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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/992,791	11/19/2001	Kirstan Vandersluis		7351

7590 02/09/2005

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EXAMINER	
BURGESS, BARBARA N	
ART UNIT	PAPER NUMBER
2157	

DATE MAILED: 02/09/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.	Applicant(s)	
	09/992,791	VANDERSLUIS ET AL.	
	Examiner	Art Unit	
	Barbara N Burgess	2157	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on *19 November 2001*.

2a)☐ This action is **FINAL**. 2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) *1-18* is/are pending in the application.

4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) *1-18* is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a)☐ All b)☐ Some * c)☐ None of:

1.☐ Certified copies of the priority documents have been received.

2.☐ Certified copies of the priority documents have been received in Application No. _____.

3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date _____.
4) ☐ Interview Summary (PTO-413) Paper No(s)/Mail Date. _____ .
5) ☐ Notice of Informal Patent Application (PTO-152)
6) ☐ Other: _____.

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

> A person shall be entitled to a patent unless –
>
> (b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims 1-18 are rejected under 35 U.S.C. 102(b) as being unpatentable over Blinn et al. (hereinafter "Blinn", US 5,897,622).

As per claim 1, Blinn discloses a method for partitioning processing responsibilities for the processing or generation of data messages into components comprising the computer-implemented steps of:

- Define a BizDocument which defines a data message (column 3, lines 1-7, 46-49, column 5, lines 35-40, column 6, lines 36-40);
- Provide for the ability for Client systems to request a specific BizDocument (column 3, lines 25-30, column 5, lines 40-44, column 7, lines 6-11, column 8, lines 1-16, column 10, lines 6-9);
- Upon receipt of a request for a BizDocument, read the BizDocument into an attached memory, perform processing on each element within the BizDocument according to a predefined computer language (column 3, lines 46-65, column 4, lines 8-25, column 6, lines 47-67, column 7, lines 8-14, 45-50, column 8, lines 53-59, column 10, lines 39-42, column 12, lines 7-30);

- Send the resulting contents of the attached memory to the requesting Client system (column 6, lines 56-60, column 10, lines 12-17, 39-42, column 12, lines 3-6, column 14, lines 11-14, 57-61, column 16, lines 34-37).

As per claim 2, Blinn discloses the method of Claim 1 wherein the method further comprises the steps of providing the capability to define data sets called Bizcomponents associated to one or more elements of a message, a Bizcomponent having a definition that is stored in a separate file or module, or generated by some other process, and the capability of processing a Bizcomponent during the processing of elements within the BizDocument (column 3, lines 46-55, column 4, lines 8-25).

As per claim 3, Blinn discloses the method of Claim 2 wherein a Bizcomponent may include the definition of parameters for which the calling BizDocument or Client will provide actual values (column 8, lines 24-30, 53-57).

As per claim 4, Blinn discloses the method of Claim 3 wherein a Bizcomponent may accept a set of elements as input and may provide a set of elements as output (column 13, lines 55-67, column 14, lines 1-14).

As per claim 5, Blinn further discloses the method of Claim 4 wherein a Bizcomponent may interact with a Server system, or other Bizcomponent, or other

BizDocument to transfer data to or from that Server system (column 5, lines 35-40, column 6, lines 26-30, 47-55).

As per claim 6, Blinn discloses the method of Claim 5 wherein a Bizcomponent may transform data between the required format of the Server system with which it interacts, and the desired format of a message (column 5, lines 35-40, column 6, lines 26-30, 47-55).

As per claim 7, Blinn discloses the method of Claim 6 wherein a Bizcomponent may contain processing instructions which are processed according to a predefined computer language (column 7, lines 50-51, column 10, lines 43-55, 65-67, column 11, lines 1-5).

As per claim 8, Blinn discloses the method of Claim 7 wherein a Bizcomponent may be considered to belong to a class of Bizcomponents, and a computer program or code module designed to process Bizcomponents in that class may be loaded to process the Bizcomponent (column 3, lines 46-55, column 4, lines 8-25).

As per claim 9, Blinn discloses the method of Claim 8 wherein the method further comprises the steps of providing the capability for a Bizcomponent to access a Server system through an intermediate entity called a BizDriver, a BizDriver having a definition

stored in a separate tile or module, or generated by some other process (column 3, lines 46-55, column 4, lines 8-25).

As per claim 10, Blinn discloses the method of Claim 9 wherein a BizDriver may include the definition of parameters for which the calling Bizcomponent will provide actual values (column 8, lines 24-30, 53-57).

As per claim 11, Blinn discloses the method of Claim 10 wherein a BizDriver may accept a set of elements as input and may provide a set of elements as output (column 13, lines 55-67, column 14, lines 1-14).

As per claim 12, Blinn discloses the method of Claim 11 wherein a BizDriver may interact with a Server system, to transfer data to or from that Server system (column 5, lines 35-40, column 6, lines 26-30, 47-55).

As per claim 13, Blinn further discloses the method of Claim 12 wherein a BizDriver may contain processing instructions which are processed according to a predefined computer language (column 7, lines 50-51, column 10, lines 43-55, 65-67, column 11, lines 1-5).

As per claim 14, Blinn discloses the method of Claim 13 wherein a BizDriver may be considered to belong to a class of BizDrivers, and a computer program or code

module designed to process BizDrivers in that class may be loaded to process the Bizcomponent (column 3, lines 46-55, column 4, lines 8-25).

As per claim 15, Blinn discloses the method of Claim 14 wherein the format of a BizDocument, Bizcomponent, and BizDriver may be Extensible Markup Language (XML) (column 7, lines 50-52).

As per claim 16, Blinn discloses the method of Claim 15 wherein a BizDocument may include the definition of parameters for which the calling Client will provide actual values (column 8, lines 24-30, 53-57).

As per claim 17, Blinn discloses the method of Claim 16 wherein a BizDocument may accept a set of elements as input and may provide a set of elements as output (column 13, lines 55-67, column 14, lines 1-14).

As per claim 18, Blinn discloses the method of Claim 17 wherein a BizDocument may contain processing instructions which are processed according to a predefined computer language (column 7, lines 50-51, column 10, lines 43-55, 65-67, column 11, lines 1-5).

Conclusion

3. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

U.S. Patent No. 6,732,331 B1

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Barbara N Burgess whose telephone number is (571) 272-3996. The examiner can normally be reached on M-F (8:00am-4:00pm).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ario Etienne can be reached on (571) 272-4001. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Barbara N Burgess
Examiner
Art Unit 2157

February 3, 2005

SALEH NAJJAR
PRIMARY EXAMINER